

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP 01/07841

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L23/31

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 012, no. 069 (E-587), 3 March 1988 (1988-03-03) -& JP 62 211928 A (FUJITSU LTD), 17 September 1987 (1987-09-17) abstract -----	1,3
A	EP 0 275 588 A (PHILIPS NV) 27 July 1988 (1988-07-27) column 6, line 55 -column 9, line 42; figure 2F -----	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- *E* earlier document but published on or after the international filing date
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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
24 October 2001	31/10/2001
Name and mailing address of the ISA .. European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	- Authorized officer Edmeades, M

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Information on patent family members

Internal ref.	Application No.
PCT/EP 01/07841	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 62211928	A	17-09-1987	NONE			
EP 0275588	A	27-07-1988	BR CN DE DE EP ES HK JP JP KR US US	8706895 A 87108334 A ,B 3788119 D1 3788119 T2 0275588 A1 2046984 T3 163795 A 2818779 B2 63226046 A 9616238 B1 5045918 A 5171716 A		26-07-1988 13-07-1988 16-12-1993 11-05-1994 27-07-1988 16-02-1994 27-10-1995 30-10-1998 20-09-1988 07-12-1996 03-09-1991 15-12-1992